DRAFT

Maintenance Concept Remains Consistent with the Prior Fiscal Year

STATEMENT OF WORK (SOW)

FOR THE REBUILD OF THE FIFTH WHEEL SEMITRAILER LOGISTICS VEHICLE SYSTEM (LVS)

MK-16 and MK-16A1

NSN 2320-01-176-0467 and NSN 2320-01-417-5293

CONTROL NR: SOW-07-PMM151-08783A/B-1/1

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for the Rebuild of the
FIFTH WHEEL SEMITRAILER
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MK-16 and MK-16A1
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Statement of Work(SOW)
for the
Rebuild of the
Fifth Wheel Semi Trailer
Logistics Vehicle System (LVS) MK16 and MK16A1
NSN 2320-01-176-0467 and NSN 2320-01-417-5293

1.0 SCOPE. This Statement of Work (SOW), along with Rebuild Standard RS 08783A-50, establishes, sets forth tasks, and identifies the work efforts that shall be performed by the contractor (for purposes of this SOW, Contractor is defined as the commercial or government entity performing the rebuild) in the rebuild effort of the Fifth Wheel SemiTrailer, Logistics Vehicle System (LVS), MK16 and MK16A1, hereafter referred to as the LVS MK16. This document contains minimum requirements to restore the LVS MK16 to Condition Code "A." Condition Code A is defined as "serviceable/issuable without qualification, new, used, repaired, or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction and includes materiel with more than six months shelf-life remaining."

1.1 Background. Rebuild is defined as "That maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through a maintenance technique or complete disassembly of the item, inspection of all parts or components, repair or replacement of worn or unserviceable parts/elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the item."

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

MIL-STD-129P	DoD Standard Practice for Military Markings
MIL-STD-3003	Vehicles, Wheeled: Preparation for Shipment and storage of

2.2 Other Government Documents and Publications

MI-08783A-45/1	Modification of Auxiliary Ramps and Fabrication of Off-Loading Blocks for Trailer, Powered, Fifth Wheel MK16 (wiring change; ref. step 15 of drawing #1562050 pertains)

MI-2320-25/81	Install Anti-Locking Brake System on truck 8x8 Logistics Vehicle System. This Kit will be provided by SCMC for installation
RS 08783A-50	Depot Maintenance Manual LVS MK16
TM 3080-50	Corrosion Prevention and Control
DOD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)

Military Handbooks (For Guidance)

MIL-HDBK-61	Configuration Management

2.3 Industry Standards

ANSI/ISO/ASQC Q9001-2000	Quality Management Systems – Requirements

Industry Standards (For Guidance)

ANSI/EIA-649	National Consensus Standard for Configuration Management

Copies of Military Specifications and Standards are available from the DoD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, commercial telephone number (215) 697-2179 or DSN 442-2179 or on the Internet at http://www.dodssp.daps.mil. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer: Contracts Department (Code 891), P. O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Command, Albany, GA 31704-3019, commercial telephone number (229) 639-6761 or DSN 567-6761. Copies of engineering drawings, if applicable, shall be obtained from Supply Chain Management Center, Attn: Code 583-1, 814 Radford Blvd., Suite 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6476 or DSN 567-6476.

3.0 REQUIREMENTS

3.1 General Tasks. The Contractor shall disassemble all assemblies/sub-assemblies, inspect, test, repair and/or replace all worn parts/components that are beyond the specified tolerances and wear limits. Unless otherwise provided for in this SOW, all parts and components may be reused if they meet the criteria established in RS 08783A-50.

a. Provide materials, labor, facilities, repair parts, and missing parts necessary to inspect, diagnose, restore and test the LVS MK16. Upon completion of the rebuild, repaired vehicles shall be Condition Code "A."

b. Provide all tools and test equipment required to test, inspect and calibrate the LVS MK16.

c. Conduct final on-site testing for witness by Marine Corps Systems Command (MCSC) (Code PMM151), Albany, Georgia and/or their representative.

d. Be responsible for all structural, electrical and mechanical requirements associated with the restoration of the LVS MK16.

e. Be responsible for all corrosion prevention and control in accordance with the latest TM 3080-50.

3.2 Detailed Tasks. The following tasks describe the different phases for rebuild of the LVS MK16.

3.2.1 Phase I- Pre-Induction. A pre-induction inspection analysis is not required since the LVS MK16 is a rebuild effort.

3.2.2 Phase II - Rebuild. Rebuild of the LVS MK16 shall be accomplished in accordance with this SOW and RS 08783A-50 at the contractor's facility. Rebuild of the LVS MK16 shall be accomplished by the application of contractor maintenance techniques by experienced journeyman level personnel to meet quality standards and inspection criteria contained in RS 08783A-50.

a. Data plate. LVS MK16 shall have a rebuild data plate located next to the original manufacturer's data plate. This plate (refer to Figure 1) shall be constructed of metal and is to be attached after the vehicle has completed the rebuild cycle. The data plate shall contain the following information:

VEH. SER. NO._____DATE

REBUILT IN ACCORDANCE WITH RS 08783A-50

CONTRACTOR_____

(Figure 1)

b. Hardware

(1) Replace broken, unserviceable, and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, etc., in accordance with the LVS MK16 RS 08783A-50. Unserviceable would include any of the above that failed to function properly.

(2) Ensure proper hardware locking devices are present on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

c. Application of Modification Instructions (MIs). The following MIs shall be applied during this phase of the rebuild process: MI-08783A-45/1 and MI 2320-25/81.

3.2.3 Phase III - Inspection, Testing, and Acceptance

a. The Contractor shall conduct inspection, testing and acceptance of the LVS MK16 in accordance with the Road Test and Final Inspection Checklist located in Table 2-4 of RS 08783A-50. This completed document shall be provided in accordance with Section 4.0 of this SOW.

b. The contractor shall be responsible for conducting required tests and shall ensure MCSC (Code PMM151), Albany, Georgia and/or their representatives are available to complete the final acceptance. Acceptance tests shall be held at the contractor's facility. MCSC (Code PMM151), Albany, Georgia and/or their representative shall be given a minimum of two weeks notice prior to beginning acceptance testing. The test area shall be cleared of all equipment parts, components, etc., not required for testing.

c. The contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCSC (Code PMM151), Albany, Georgia and/or their representative may require the contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

d. Acceptance testing on all LVS MK16 vehicles repaired under the provisions of this SOW shall be accomplished in accordance with RS 08783A-50.

3.2.4 Packaging, Handling, Storage and Transportation (PHS&T)

a. The Contractor shall be responsible for the preservation and packaging of item(s) being repaired under the terms of this Statement of Work. Items scheduled for long-term storage or shipment to overseas destinations shall be in accordance with the Level "A" requirements of MIL-STD-3003. Items scheduled for domestic shipment for immediate use or short-term storage shall be in accordance with the Level "B" requirements.

b. Marking for shipment and storage shall be in accordance with MIL-STD-129P.

c. The Marine Corps will provide the contractor with the shipping address(es) for delivery of the rebuilt equipment, and the contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

3.3 Configuration Control. The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without receiving prior written authorization. The baseline configuration has been defined by the written procedures or material contained in manuals, standards, instructions or engineering drawings. If it is necessary to depart from the authorized configuration baseline, the contractor shall submit a Request for Deviation (RFD). MIL-HDBK-61 and ANSI/EIA-649 provide guidance for for preparing this configuration control document.

3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (MCA)(Code 571-1) will coordinate Government Furnished Equipment/Government Furnished Materiel (GFE/GFM) requests and maintain a central control system on all government owned assets in the contractor's possession. The MCA will forward a GFE Accountability Agreement to the contractor for signature on an annual basis to establish a chain of custody and identify property responsibilities for Marine Corps assets. The contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. This can be done by mailing a copy of the DD1348 to Materiel Management Department, Management Control Activity (Code 571-1), 814 Radford Blvd., STE 20320, Albany, GA 31704-0320 or faxing a copy to commercial telephone number (229) 639-5498 or DSN 567-5498.

3.5 Contractor Furnished Materiel (CFM). The Contractor may requisition materiel as required in the performance of the SOW through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP) Chapter 11 provides guidance to contractors on the requisitioning process. The contractor's decision to utilize CFM procured from the DoD Supply System shall be based upon cost effectiveness, availability of materiel and the required completion/delivery date.

3.6 Quality Assurance Provisions. The contractor shall provide and maintain a Quality System that, as a minimum, adheres to the requirement of ANSI/ISO/ASQC Q9001-2000, Quality Management Systems – Requirements. MCSC (Code PMM151), Albany, GA retains the right to conduct in-process reviews and inspections for compliance with these procedures and standards. MCSC (Code PMM151), Albany, GA further retains the right for in-process reviews and inspections of the quality of work delivered, material provided and documents written during contract performance. Failure of the contractor to promptly correct deficiencies discovered shall be reason for suspension of acceptance until corrective action has been accomplished.

3.7 Rejection. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCSC (Code PMM151), Albany, Georgia and/or their representative.

The contractor shall, at no additional cost to MCSC (Code PMM151), Albany, Georgia and/or their representative, provide the following.

a. Develop an approach for modification or correction of all deficiencies.

b. Upon approval of a documented approach, the contractor shall correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures requirements is demonstrated.

4.0 REPORTS

4.1 Road Test and Final Inspection Checklist. The contractor shall complete the Road Test and Final Inspection Checklist (3.2.3.a) for each LVS MK16 repaired. These documents shall be available during final acceptance testing. One copy of each document shall be provided to MCSC (Code PMM151), 814 Radford Blvd., Suite 20343, Albany, Georgia 31704-0343, after final acceptance of the LVS MK16.